

PAGE: 1

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J. A. G.RAW SEQUENCE LISTING
PATENT APPLICATION US/08/390,740ADATE: 09/03/96
TIME: 17:36:03

INPUT SET: S12480.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.



1

SEQUENCE LISTING

2

3 (1) General Information

ENTERED

4

5 (i) APPLICANT: Coleman, Roger
6 Bandman, Olga
7 Wilde, Craig G.

8

9 (ii) TITLE OF THE INVENTION: NEW CHEMOKINES EXPRESSED IN PANCREAS

10

11 (iii) NUMBER OF SEQUENCES: 11

12

13 (iv) CORRESPONDENCE ADDRESS:
14 (A) ADDRESSEE: Incyte Pharmaceuticals, Inc.
15 (B) STREET: 3174 Porter Drive
16 (C) CITY: Palo Alto
17 (D) STATE: CA
18 (E) COUNTRY: U.S.
19 (F) ZIP: 94304

20

21 (v) COMPUTER READABLE FORM:
22 (A) MEDIUM TYPE: Diskette
23 (B) COMPUTER: IBM Compatible
24 (C) OPERATING SYSTEM: DOS
25 (D) SOFTWARE: FastSEQ Version 1.5

26

27 (vi) CURRENT APPLICATION DATA:
28 (A) APPLICATION NUMBER: 08/390,740
29 (B) FILING DATE: February 17, 1995

30

31 (viii) ATTORNEY/AGENT INFORMATION:
32 (A) NAME: Luther, Barbara J.
33 (B) REGISTRATION NUMBER: 33,954
34 (C) REFERENCE/DOCKET NUMBER: PF-0027 US

35

36 (ix) TELECOMMUNICATION INFORMATION:
37 (A) TELEPHONE: 415-855-0555
38 (B) TELEFAX: 415-852-0195

39

40 (2) INFORMATION FOR SEQ ID NO:1:

41

42 (i) SEQUENCE CHARACTERISTICS:
43 (A) LENGTH: 289 base pairs
44 (B) TYPE: nucleic acid
45 (C) STRANDEDNESS: single

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/390,740ADATE: 09/03/96
TIME: 17:36:06

INPUT SET: SI2480.raw

47 (D) TOPOLOGY: linear
48
49 (ii) MOLECULE TYPE: cDNA
50
51 (vii) IMMEDIATE SOURCE:
52 (A) LIBRARY: Human Pancreas
53 (B) CLONE: 223187
54
55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
56
57 ATGAAGGTCT CCGCAGCACT TCTGTGGCTG CTGCTCATAG CAGCTGCCTT CAGCCCCAG 60
58 GGGCTCACTG GGCCAGCTTC TGTCCTAACCC ACCTGCTGCT TTAACCTGGC CAATAGGAAG 120
59 ATACCCCTTC AGCGACTAGA GAGCTACAGG AGAACATCACCA GTGGCAAATG TCCCCAGAAA 180
60 GCTGTGATCT TCAAGACCAA ACTGGCCAAG GATATCTGTG CCGACCCCAA GAAGAAGTGG 240
61 GTGCAGGATT CCATGAAGTA TCTGGACCAA AAATCTCCAA CTCCAAAGC 289
62
63
64 (2) INFORMATION FOR SEQ ID NO:2:
65
66 (i) SEQUENCE CHARACTERISTICS:
67 (A) LENGTH: 97 amino acids
68 (B) TYPE: amino acid
69 (C) STRANDEDNESS: single
70 (D) TOPOLOGY: linear
71
72 (ii) MOLECULE TYPE: peptide
73
74 (vii) IMMEDIATE SOURCE:
75 (A) LIBRARY: Human Pancreas
76 (B) CLONE: 223187
77
78 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
79
80 Met Lys Val Ser Ala Ala Leu Leu Trp Leu Leu Leu Ile Ala Ala Ala
81 1 5 10 15
82 Phe Ser Pro Gln Gly Leu Thr Gly Pro Ala Ser Val Pro Thr Thr Cys
83 20 25 30
84 Cys Phe Asn Leu Ala Asn Arg Lys Ile Pro Leu Gln Arg Leu Glu Ser
85 35 40 45
86 Tyr Arg Arg Ile Thr Ser Gly Lys Cys Pro Gln Lys Ala Val Ile Phe
87 50 55 60
88 Lys Thr Lys Leu Ala Lys Asp Ile Cys Ala Asp Pro Lys Lys Trp
89 65 70 75 80
90 Val Gln Asp Ser Met Lys Tyr Leu Asp Gln Lys Ser Pro Thr Pro Lys
91 85 90 95
92 Pro
93
94
95 (2) INFORMATION FOR SEQ ID NO:3:
96
97 (i) SEQUENCE CHARACTERISTICS:
98 (A) LENGTH: 402 base pairs
99 (B) TYPE: nucleic acid

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/390,740ADATE: 09/03/96
TIME: 17:36:10

INPUT SET: S12480.raw

100 (C) STRANDEDNESS: single
101 (D) TOPOLOGY: linear
102
103 (ii) MOLECULE TYPE: cDNA
104
105 (vii) IMMEDIATE SOURCE:
106 (A) LIBRARY: Human Pancreas
107 (B) CLONE: 226152
108
109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
110
111 ATGGCTCAGT CACTGGCTCT GAGCCTCCTT ATCCTGGTTC TGGCCTTG 60
112 ACCCAAGGCA GTGATGGAGG GGCTCAGGAC TGTTGCCTCA AGTACAGCCA 120
113 CCCGCCAAGG TTGTCCGCAG CTACCGGAAG CAGGAACCAA GCTTAGGCTG 180
114 GCTATCCTGT TCTTGCCCCG CAAGCGCTCT CAGGCAGAGC TATGTGCAGA 240
115 CTCTGGGTGC AGCAGCTGAT GCAGCATCTG GACAAGACAC CATCCCCACA 300
116 CAGGGCTGCA GGAAGGACAG GGGGGCCTCC AAGACTGGCA AGAAAGGAAA 360
117 GGCTGCAAGA GGACTGAGCG GTACACAGACC CCTAAAGGGC CA 402
118
119 (2) INFORMATION FOR SEQ ID NO:4:
120
121 (i) SEQUENCE CHARACTERISTICS:
122 (A) LENGTH: 134 amino acids
123 (B) TYPE: amino acid
124 (C) STRANDEDNESS: single
125 (D) TOPOLOGY: linear
126
127 (ii) MOLECULE TYPE: peptide
128
129 (vii) IMMEDIATE SOURCE:
130 (A) LIBRARY: Human Pancreas
131 (B) CLONE: 226152
132
133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
134
135 Met Ala Gln Ser Leu Ala Leu Ser Leu Leu Ile Leu Val Leu Ala Phe
136 1 5 10 15
137 Gly Ile Pro Arg Thr Gln Gly Ser Asp Gly Gly Ala Gln Asp Cys Cys
138 20 25 30
139 Leu Lys Tyr Ser Gln Arg Lys Ile Pro Ala Lys Val Val Arg Ser Tyr
140 35 40 45
141 Arg Lys Gln Glu Pro Ser Leu Gly Cys Ser Ile Pro Ala Ile Leu Phe
142 50 55 60
143 Leu Pro Arg Lys Arg Ser Gln Ala Glu Leu Cys Ala Asp Pro Lys Glu
144 65 70 75 80
145 Leu Trp Val Gln Gln Leu Met Gln His Leu Asp Lys Thr Pro Ser Pro
146 85 90 95
147 Gln Lys Pro Ala Gln Gly Cys Arg Lys Asp Arg Gly Ala Ser Lys Thr
148 100 105 110
149 Gly Lys Lys Gly Lys Gly Ser Lys Gly Cys Lys Arg Thr Glu Arg Ser
150 115 120 125
151 Gln Thr Pro Lys Gly Pro

INPUT SET: S12480.raw

153 130

154

(2) INFORMATION FOR SEQ ID NO:5:

156

(i) SEQUENCE CHARACTERISTICS:

157

- (A) LENGTH: 97 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

162

(ii) MOLECULE TYPE: peptide

164

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

166

Met	Lys	Val	Ser	Ala	Ala	Leu	Leu	Ala	Leu	Leu	Ile	Ala	Ala	Ala	
1						5			10			15			
Phe	Cys	Pro	Gln	Gly	Leu	Ala	Gln	Pro	Asp	Gly	Val	Asp	Thr	Pro	Thr
169						20			25			30			
Thr	Cys	Cys	Phe	Asn	Tyr	Ile	Asn	Arg	Lys	Ile	Pro	Arg	Gln	Arg	Leu
171						35			40			45			
Glu	Ser	Tyr	Arg	Arg	Ile	Thr	Ser	Ser	Lys	Cys	Ser	Lys	Pro	Ala	Val
173						50			55			60			
Ile	Phe	Lys	Thr	Lys	Arg	Ala	Lys	Gln	Val	Cys	Ala	Asp	Pro	Lys	Glu
175						65			70			75			80
Lys	Trp	Val	Gln	Asp	Ser	Met	Lys	His	Leu	Asp	Lys	Gln	Thr	Pro	Lys
177						85			90			95			

178

Pro

180

181

(2) INFORMATION FOR SEQ ID NO:6:

183

(i) SEQUENCE CHARACTERISTICS:

184

- (A) LENGTH: 92 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

189

(ii) MOLECULE TYPE: peptide

191

(vii) IMMEDIATE SOURCE:

192

- (A) LIBRARY: GenBank
- (B) CLONE: MIP-1a

195

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

197

Met	Gln	Val	Ser	Thr	Ala	Ala	Leu	Ala	Val	Leu	Leu	Cys	Thr	Met	Ala
198							5			10			15		
Leu	Cys	Asn	Gln	Phe	Ser	Ala	Ser	Leu	Ala	Ala	Asp	Thr	Pro	Thr	Ala
200							20			25			30		
Cys	Cys	Phe	Ser	Tyr	Thr	Ser	Arg	Gln	Ile	Pro	Gln	Asn	Phe	Ile	Ala
202							35			40			45		
Asp	Tyr	Phe	Glu	Thr	Ser	Ser	Gln	Cys	Ser	Lys	Pro	Gly	Val	Ile	Phe
204							50			55			60		

205

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/390,740ADATE: 09/03/96
TIME: 17:36:17

INPUT SET: S12480.raw

206 Leu Thr Lys Arg Ser Arg Gln Val Cys Ala Asp Pro Ser Glu Glu Trp
207 65 70 75 80
208 Val Gln Lys Tyr Val Ser Asp Leu Glu Leu Ser Ala
209 85 90

210

211

212 (2) INFORMATION FOR SEQ ID NO:7:

213

214 (i) SEQUENCE CHARACTERISTICS:
215 (A) LENGTH: 92 amino acids
216 (B) TYPE: amino acid
217 (C) STRANDEDNESS: single
218 (D) TOPOLOGY: linear

219

220 (ii) MOLECULE TYPE: peptide

221

222 (vii) IMMEDIATE SOURCE:
223 (A) LIBRARY: GenBank
224 (B) CLONE: MIP-1b

225

226 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

227

228 Met Lys Leu Cys Val Thr Val Leu Ser Leu Leu Met Leu Val Ala Ala
229 1 5 10 15
230 Phe Cys Ser Pro Ala Leu Ser Ala Pro Met Gly Ser Asp Pro Pro Thr
231 20 25 30
232 Ala Cys Cys Phe Ser Tyr Thr Ala Arg Lys Leu Pro Arg Asn Phe Val
233 35 40 45
234 Val Asp Tyr Tyr Glu Thr Ser Ser Leu Cys Ser Gln Pro Ala Val Val
235 50 55 60
236 Phe Gln Thr Lys Arg Ser Lys Gln Val Cys Ala Asp Pro Ser Glu Ser
237 65 70 75 80
238 Trp Val Gln Glu Tyr Val Tyr Asp Leu Glu Leu Asn
239 85 90

240

241

242 (2) INFORMATION FOR SEQ ID NO:8:

243

244 (i) SEQUENCE CHARACTERISTICS:
245 (A) LENGTH: 91 amino acids
246 (B) TYPE: amino acid
247 (C) STRANDEDNESS: single
248 (D) TOPOLOGY: linear

249

250 (ii) MOLECULE TYPE: peptide

251

252 (vii) IMMEDIATE SOURCE:
253 (A) LIBRARY: GenBank
254 (B) CLONE: RANTES

255

256 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

257

258 Met Lys Val Ser Ala Ala Arg Leu Ala Val Ile Leu Ile Ala Thr Ala

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/08/390,740A*

DATE: 09/03/96
TIME: 17:36:20

INPUT SET: S12480.raw

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